The full anti-neutrino energy spectrum
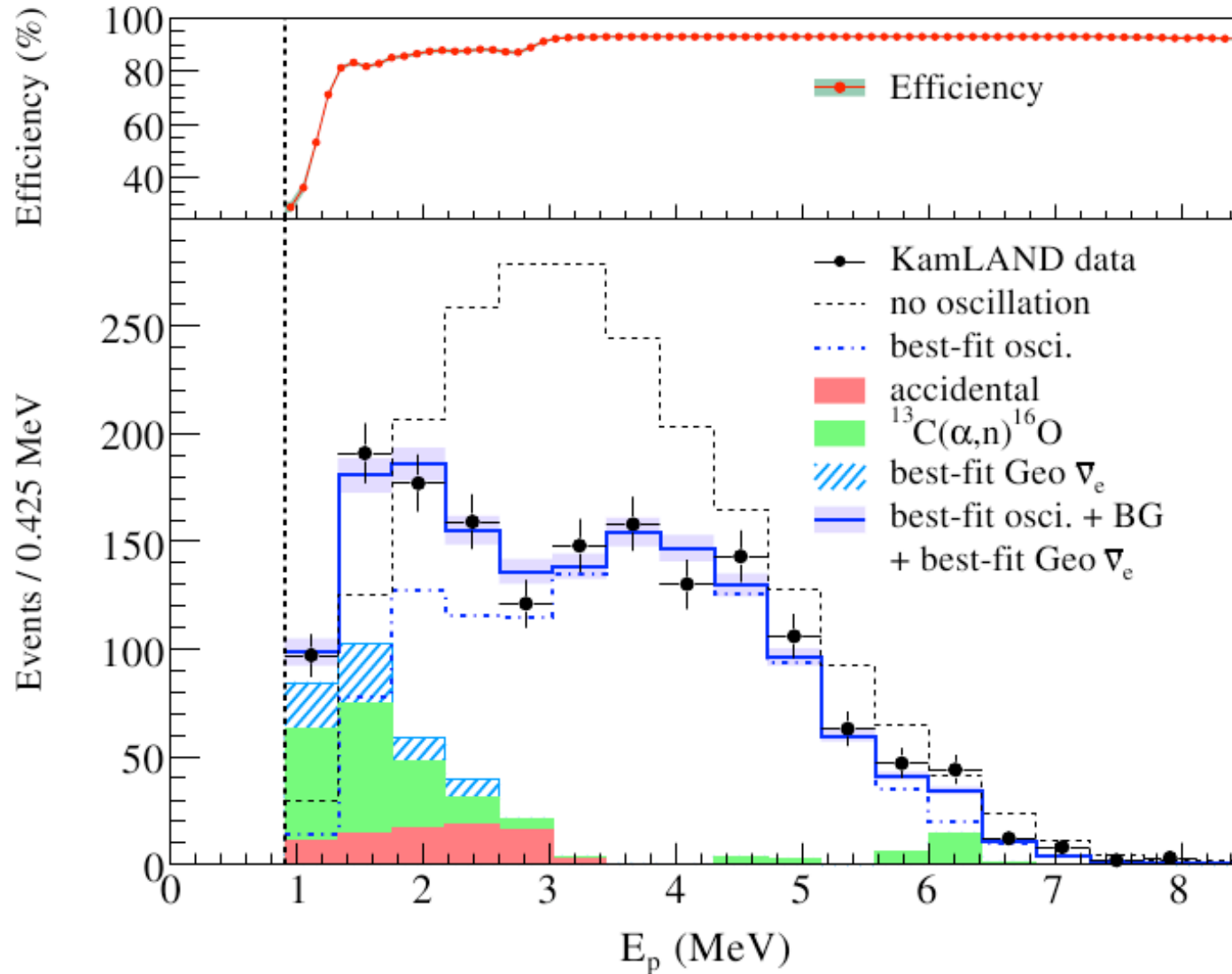

Plot shows the Prompt event energy (e^+ kinetic energy + $2m_e$) which can be converted to

$$E_\nu \approx E_{prompt} + 0.8 MeV$$

The best fit values:

$$\Delta m_{21}^2 = 7.58 \times 10^{-5} (eV^2)$$

$$\tan^2\theta_{12} = 0.56$$